SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: SEIDMAN, CHRISTINE SEIDMAN, JOHN WATKINS, HUGH ROSENZWEIG, ANTHONY
- (ii) TITLE OF INVENTION: A METHOD FOR DETECTING
 DISEASE-ASSOCIATED MUTATIONS
- (iii) NUMBER OF SEQUENCES: 10
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: LAHIVE & COCKFIELD
 - (B) STREET: 60 STATE STREET, Suite 510
 - (C) CITY: BOSTON
 - (D) STATE: Massachusetts
 - (E) COUNTRY: U.S.A.
 - (F) ZIP: 02109
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: ASCII
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/989,160
 - (B) FILING DATE: 11-DEC-1993
 - (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: HANLEY, ELIZABETH A.
 - (B) REGISTRATION NUMBER: 33,505
 - (C) REFERENCE/DOCKET NUMBER: GWL-111
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (617) 227-7400
 - (B) TELEFAX: (617) 227-5941
- (2) INFORMATION FOR SEQ ID NO:1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 24 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: cDNA

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d: December 11, 1992



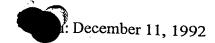
| (xi) | SEQUENCE DESCRIPTION: SEQ ID N | 10:1: | | | , |
|----------|--|--------|------------------|---|---|
| CAAGGATC | GC TACGGCTCCT GGAT | | | | , |
| (2) INFO | RMATION FOR SEQ ID NO:2: | | | | |
| (i) | SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear | | | | |
| (ii) | MOLECULE TYPE: CDNA | * * | | | |
| | | | | • | |
| (xi) | SEQUENCE DESCRIPTION: SEQ ID N | 10:2: | | | |
| GCGGATCC | AG GTAGGCAGAC TTGTCAGCCT | | | | |
| (2) INFO | RMATION FOR SEQ ID NO:3: | | | | |
| | SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear | | | | |
| (ii) | MOLECULE TYPE: CDNA | | | | |
| | | | | | |
| (xi) | SEQUENCE DESCRIPTION: SEQ ID N | 10:3: | | | |
| ATGCCAAC | CC TGCTCTGGAG GCCT | | | | |
| (2) INFO | RMATION FOR SEQ ID NO:4: | | | | |
| (i) | SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 base pairs | | gar ^a | | |

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: CDNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

CTTCATGTTT CCAAAGTGCA TGAT

(2) INFORMATION FOR SEQ ID NO:5:

24



- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

CTGGGCTTCA CTTCAGAGGA GAAAA

25

- (2) INFORMATION FOR SEQ ID NO:6:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 30 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: cDNA
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

GCGGTACCCC AGCAGCCCGG CCTTGAAGAA

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- (2) INFORMATION FOR SEQ ID NO:7:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 30 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: cDNA
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

GGGAATTCGC GGAGCCAGAC GGCACTGAAG

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- (2) INFORMATION FOR SEQ ID NO:8:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 26 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: cDNA

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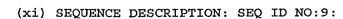
| (xi) | SEQUENCE | DESCRIPTION: | SEQ | ID | NO:8: |
|------|----------|--------------|-----|----|-------|

CCCTCCTTCT TGTACTCCTC CTGCTC

26

(2) INFORMATION FOR SEQ ID NO:9:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA



CAACTCATCA CCACTCTCTT CCATC

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(2) INFORMATION FOR SEQ ID NO:10:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 base pairs
 - (B) TYPE: nucleic acid

 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: cDNA
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

GCTGAGCCTA GCAGATTCAT GGCAC

25